

30. An isolated polypeptide of claim 28 wherein the sequence comprises about the first 241 amino acid of the sequence set forth in SEQ ID NO:11, SEQ ID NO:14, SEQ ID NO:16, SEQ ID NO: 21 or SEQ ID NO: 24.

5

10

ABSTRACT OF THE DISCLOSURE

The disclosure relates to mechanical stress induced genes, and functional equivalents, such as those from humans and from mice, probes therefor, tests to identify such genes, expression products of such genes, uses for such genes and expression products, e.g., in diagnosis (for instance risk determination), treatment, prevention, or control, of osteoporosis or factors or processes which lead to osteoporosis; and, to diagnostic, treatment, prevention, or control methods or processes, as well as compositions therefor and methods or processes for making and using such compositions, and receptors therefor and methods or processes for obtaining and using such receptors.

20